

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Mark R. Thomann et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	303.594US2
Title:	DOUBLE DATA RATE SCHEME FOR DATA OUTPUT		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these documents were previously cited by or submitted to the U.S. Patent Office in connection with Applicants' prior U.S. application, Serial No. 09/388686, filed on September 02, 1999, which is relied upon for an earlier filing date under 35 U.S.C. §120.

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

MARK R. THOMANN ET AL.

By their Representatives,

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Date

1 Dec '03

By


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"Express Mail" mailing label number: EV298565217US

Date of Deposit: December 9, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	Unknown
Filing Dat	Even Date Herewith
First Named Inventor	Thomann, Mark
Group Art Unit	Unknown
Examiner Name	Unknown

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US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-4,463,443	07/31/1984	Frankel, D. G., et al.	364	900	10/22/1981
	US-5,007,012	04/09/1991	Dujari, V.			
	US-5,402,389	03/28/1995	Flannagan, S. T., et al.	365	233	03/08/1994
	US-5,506,814	04/09/1996	Hush, G., et al.	365	230.03	05/28/1993
	US-5,592,488	01/07/1997	Thomann, M., et al.	370	465	06/07/1995
	US-5,657,289	08/12/1997	Hush, G. E., et al.	365	230.05	08/30/1995
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	DE-19821641	07/01/1999	Lee, S.	G06F	12/00	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>Unknown</td> </tr> <tr> <td>Filing Date</td> <td>Even Date Herewith</td> </tr> <tr> <td>First Name of Inventor</td> <td>Thomann, Mark</td> </tr> <tr> <td>Group Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>	Application Number	Unknown	Filing Date	Even Date Herewith	First Name of Inventor	Thomann, Mark	Group Art Unit	Unknown	Examiner Name	Unknown
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-0778575	06/11/1997	Katayama, Y.	G11 C	7/00	
	WO-99/50852	10/07/1999	Mes, I.	G11 C	7/00	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Increasing Data Read Rate from Memories", <u>IBM Technical Disclosure Bulletin</u> , 30, (May, 1988), 339-341	

EXAMINER

DATE CONSIDERED